

SELECTED PUBLICATIONS

Osborne, E. B., Umling, N. E., Bizimis, M., Buckley, W., Sadekov, A., Tappa, E., et al. (2020). A sediment trap evaluation of B/Ca as a carbonate system proxy in asymbiotic and nondinoflagellate hosting planktonic foraminifera. *Paleoceanography and Paleoclimatology*, 35, e2019PA003682. <https://doi.org/10.1029/2019PA003682>

Osborne, E. B., R. C. Thunell, N. Gruber, R. Feely and C. Benitez-Nelson, (2019). Decadal variability in twentieth-century ocean acidification in the California Current Ecosystem, *Nature Geoscience*, 13, <https://doi.org/10.1038/s41561-019-0499-z>.

Davis, A. N., Davis, C. V., Thunell, R. C., **Osborne, E. B.**, Black, D. E., & Benitez-Nelson, C. R. (2019). Reconstructing 800 years of carbonate ion concentration in the Cariaco Basin using the area density of planktonic foraminifera shells. *Paleoceanography and Paleoclimatology*, 34 <https://doi.org/10.1029/2019PA003698>

Richter-Menge, J., **E. Osborne**, M. Druckenmiller, and M. O. Jeffries, Eds., (2018). The Arctic [in “State of the Climate in 2018”]. *Bulletin of the American Meteorological Society*, 100 (9), S169–S188, doi:10.1175/2019BAMSSStateoftheClimate.1.

Osborne, E., J. Richter-Menge, and M. Jeffries, Eds., (2018) Arctic Report Card 2018 <https://www.arctic.noaa.gov/Report-Card>.

Bellerby, R., L. Anderson, **E. Osborne**, N. Steiner, I., J. Cross, M. Chierici, A. Fransson, K. Azetsu-Scott, J. Ólafsson, L. Miller (2018). AMAP Assessment 2018: Arctic Ocean Acidification. Arctic Monitoring and Assessment Programme (AMAP), Tromsø, Norway.

Richter-Menge, J., M. O. Jeffries, and **E. Osborne**, Eds., (2018). The Arctic [in “State of the Climate in 2017”]. *Bulletin of the American Meteorological Society*, 99 (8), S143–173, doi:10.1175/2018BAMSSStateoftheClimate.1.

Osborne, E., T. Cronin, and J. Farmer (2018). Paleoclimate records: Providing context and understanding of current Arctic change [in “State of the Climate in 2017”]. *Bulletin of the American Meteorological Society*, 99 (8), S150–S152, doi:10.1175/2018BAMSSStateoftheClimate.1.

Richter-Menge, J., J.E. Overland, J. T. Mathis, and **E. B. Osborne**, Eds., (2017). Arctic Report Card 2017, <http://www.arctic.noaa.gov/Report-Card>.

Osborne, E.B., T. Cronin and J. Farmer, 2017: Paleoclimate Perspectives on Arctic Ocean Change [in Arctic Report Card 2017], <http://www.arctic.noaa.gov/Report-Card>.

Osborne, E. B., R. C. Thunell, B. J. Marshall, J. A. Holm, E. J. Tappa, C. Benitez-Nelson, W.J. Cai, and B. Chen (2016). Calcification of the planktonic foraminifera *Globigerinabulloides* and carbonate ion concentration: Results from the Santa Barbara Basin, *Paleoceanography*, 31, doi:10.1002/2016PA002933.